|  | <br> | aims |  |
|--|------|------|--|
|  |      |      |  |

| Application No. | Applicant(s)  | _ |
|-----------------|---------------|---|
| 09/807,959      | BARTON ET AL. |   |
| Examiner        | Art Unit      | _ |
| John L Shew     | 2664          |   |

| / | Rejected | 1 | (Through numeral)<br>Cancelled |
|---|----------|---|--------------------------------|
|   | Allowed  | + | Restricted                     |

| N | Non-Elected  |  |
|---|--------------|--|
| _ | Interference |  |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla             | aim      |          |          |          | [                   | Date         | e  |                     |  |          | ]  | Cla             | im       |                 |          |          |          | ate      | ;        |          |           |          |          | Cla      | aim        |         |           | (  | Date     | €               |          |           | _              |
|-----------------|----------|----------|----------|----------|---------------------|--------------|--|---------------------|--|----------|----|-----------------|----------|-----------------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|------------|---------|-----------|--|----------|-----------------|----------|-----------|----------------|
| Final           | Original | 4/26/05  |          |          |                     |              |  |                     |  |          |    | Final           | Original |                 |          |          |          |          |          |          |           |          | -        | Final    | Original   |         |           |  |          |                 |          |           |                |
|                 | 1        | 1        |          |          |                     |              |  |                     |  |          |    |                 | 51       |                 |          |          |          |          |          |          | I         | ].       |          |          | 101        |         |           |  |          |                 |          |           |                |
|                 | 2        | 1        | <u> </u> | ļ        | _                   |              |  |                     |  |          |    |                 | 52       | $oxed{oxed}$    |          |          |          |          |          |          |           | _        |          |          | 102        |         |           |  |          |                 | $\Box$   |           |                |
|                 | 3        | 1        | L        | <u> </u> | _                   | _            | L  |                     | _  |          | 1  |                 | 53       | L               | _        |          |          |          | _        | _        | 4         | 4        | ŀ        |          | 103        | _       | <u> </u>  | <u> </u>   |          |                 |          | Ш         | Ш              |
| <u> </u>        | 4<br>5   | 1        | -        |          |                     | ┢            | ├-   | <b>├</b>            | ┝  | <u> </u> | -  | <u> </u>        | 54       | <del> </del> -  | Н        | $\dashv$ | $\dashv$ | -        |          | $\dashv$ | $\dashv$  | -        |          |          | 104        |         | ╀         | ┡  | _        | Н               | $\dashv$ | $\dashv$  | $\vdash\vdash$ |
|                 | 6        | 1        | ├        | -        | $\vdash$            | ⊢            | ⊢  | ├                   | ⊢  |          |    |                 | 55<br>56 | $\vdash$        | $\vdash$ | _        | _        | _        | -        | $\dashv$ | -         |          | ŀ        |          | 105        | +       | ╀         | ├  | <u> </u> | $\square$       | $\dashv$ | $\vdash$  | Н              |
| -               | 7        | ō        | ╁╾╴      | -        | <u> </u>            | $\vdash$     | ┢  | ╁                   | $\vdash$   |          | 1  |                 | 57       | $\vdash$        |          | -        | $\dashv$ | -        | $\dashv$ | $\dashv$ |           | ٦.       | ŀ        |          | 106<br>107 |         | +         | ⊢  | -        | $\vdash$        | $\dashv$ | _         | H              |
|                 | 8        | 1        | H        | Н        |                     | <del> </del> | -  | ┢                   | -  |          |    | _               | 58       | $\vdash$        | $\vdash$ | -        | $\neg$   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | ŀ        |          | 108        | -       | ╁         | $\vdash$   | -        | $\dashv$        | $\dashv$ | $\dashv$  | $\vdash$       |
|                 | 9        | 1        | T        |          | T                   | $\vdash$     | Н  | $\vdash$            | <del>                                     </del> | _        | () |                 | 59       |                 |          |          |          |          |          | 寸        | $\dashv$  | Ÿ        | 1        |          | 109        | _       | +         | $\vdash$   |          | $\vdash$        | $\dashv$ | $\vdash$  |                |
|                 | 10       | 0        | İ        |          |                     |              |  | Г                   |  |          | 1  |                 | 60       |                 |          |          | $\neg$   |          | $\neg$   | ヿ        | 1         | 7        |          |          | 110        |         | $\dagger$ |  |          | $\Box$          | コ        |           |                |
|                 | 11       | 1        |          |          |                     |              |  |                     |  |          |    |                 | 61       |                 |          |          |          |          |          |          |           |          |          |          | 111        |         |           |  |          |                 | $\neg$   |           |                |
|                 | 12       | 1        | Щ        | L        | $ldsymbol{\square}$ |              |  | $oxedsymbol{oxed}$  |  |          | 1  |                 | 62       | $\Box$          |          |          |          |          | 耳        | $\Box$   | $\perp$   | 1        | . [      |          | 112        |         |           |  |          |                 | $\Box$   | $\Box$    |                |
| <u></u>         | 13       | =        | L.       | _        | <u> </u>            | <u> </u>     |  | $\vdash$            | <u> </u>   | <u> </u> |    |                 | 63       | Ш               | Ш        |          | _        |          | $\dashv$ | _        | $\perp$   | À        |          |          | 113        |         | <u> </u>  |  |          | $\square$       | $\Box$   | $\square$ |                |
| <u> </u>        | 14       | =        | <u> </u> | <u> </u> | ⊢                   | _            |  | <u> </u>            | <u> </u>   | _        |    |                 | 64       | $\vdash$        | $\sqcup$ |          | 4        | _        | _        |          | $\perp$   | 4        | 1        |          | 114        | _       | $\bot$    | ┞  | <u> </u> | $\sqcup$        | _        |           | $\vdash$       |
|                 | 15<br>16 | 1        | $\vdash$ |          | ├-                  | ⊢            | ├-   | ⊢                   | ┝  | ┝        |    |                 | 65<br>66 |                 |          | _        | _        |          |          | -        | +         | -13      |          |          | 115<br>116 | -       | +         | <u> </u>   |          | $\dashv$        |          | $\dashv$  | -              |
| <u> </u>        | 17       | 1        | ⊢        | ⊢        | <del> </del>        | ┢            | ┢  | H                   |  |          | 1  |                 | 67       | -               |          | -        | $\dashv$ | $\dashv$ |          | $\dashv$ | +         | -        | -        |          | 116        |         | ╀         | $\vdash$   |          | $\dashv$        | -        | $\dashv$  | $\vdash$       |
|                 | 18       | 1        |          | ┢        |                     | ┢            | -  | <del> </del>        | -  | ┝        |    |                 | 68       |                 | Н        | ᅱ        | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$  | -        | -        |          | 118        | +       | ╁╌        | -  |          | $\dashv$        | $\dashv$ | $\dashv$  | -              |
|                 | 19       | V        | ╁        | $\vdash$ |                     |              |  | $\vdash$            | <del>                                     </del> | ┢╌       | 1  |                 | 69       |                 | Н        | ᅱ        |          | $\dashv$ | ᅱ        | $\dashv$ | -+        |          | Ť        |          | 119        | +       | ╁╌        | <del>                                     </del> | $\vdash$ | $\dashv$        | 一        | $\dashv$  |                |
|                 | 20       | 1        |          |          |                     |              | Г  |                     | <del>                                     </del> | $\vdash$ | 1. |                 | 70       |                 | Н        | 一        |          |          | _        | 寸        | _         |          |          |          | 120        | $\top$  | +-        | $\vdash$   |          | $\dashv$        | $\dashv$ | $\dashv$  |                |
|                 | 21       | 1        | Г        |          |                     |              |  |                     |  |          | ١. |                 | 71       | Г               |          | 寸        |          | $\neg$   | ヿ        | 7        |           |          | Ī        |          | 121        | 1       | Ť         | T  |          |                 | ヿ        | $\neg$    | П              |
|                 | 22       | √        |          |          |                     |              |  |                     |  |          |    |                 | 72       |                 |          |          |          |          | Ì        |          |           |          | [        |          | 122        |         |           |  |          |                 | $\neg$   | $\Box$    | $\Box$         |
|                 | 23       | ٧        | <u> </u> | <u>L</u> |                     |              |  |                     |  |          |    |                 | 73       |                 |          |          | $\Box$   | $\Box$   |          |          |           |          |          |          | 123        |         |           |  |          |                 |          |           |                |
|                 | 24       | _        | <u> </u> | <u> </u> | _                   | _            | _  |                     | L  | _        |    |                 | 74       |                 |          |          | _        |          |          |          |           |          | <u>.</u> |          | 124        |         | ↓_        | L  |          |                 |          |           |                |
| <u> </u>        | 25       | <u> </u> | <u> </u> | _        |                     | -            | -  |                     | _  |          | -  |                 | 75       |                 |          | _        | _        | _        |          | _        | _         |          |          |          | 125        | $\perp$ | ↓_        | _  | L.       |                 | $\dashv$ | $\dashv$  | Ш              |
| $\vdash$        | 26<br>27 | ⊢        |          | <u> </u> | <u> </u>            | <u> </u>     | _  |                     |  | _        | ł  |                 | 76<br>77 | Н               |          | -        | $\dashv$ |          | -        | _        |           | 20       |          |          | 126        |         | ╁         | L.   | _        | _               |          | $\dashv$  | Н              |
|                 | 28       | ⊢        | ⊢        | -        |                     | ⊢            | }—   |                     |  | <u> </u> |    |                 | 78       | $\vdash$        |          | -        | $\dashv$ |          |          | -        | +         | -        | ŀ        |          | 127<br>128 |         | +-        | -  |          |                 | -        |           | $\vdash$       |
| -               | 29       | ├─       | ╁        | $\vdash$ | $\vdash$            | ├            | ┢  |                     | $\vdash$   | $\vdash$ |    | H               | 79       | Н               |          |          |          | -        | $\dashv$ | -+       | +         | -        | 9 F      | _        | 129        | +       | ┿         | ├  |          | $\dashv$        |          | $\dashv$  | $\vdash$       |
|                 | 30       | ┢        | $\vdash$ | ┢        |                     | 1            | $\vdash$   |                     | -  | -        | -  |                 | 80       | Н               |          | _        | $\dashv$ | _        | _        | _        | +         | ٦,       | :        |          | 130        | +       | +         | $\vdash$   | $\vdash$ | $\dashv$        | $\dashv$ | $\dashv$  | $\vdash$       |
|                 | 31       | H        |          |          |                     |              |  |                     |  |          | 1  |                 | 81       | H               |          | 寸        | 一        | _        | 1        |          |           | ٦,       | ŀ        |          | 131        | 十       | +         |  |          | $\neg$          | ᅥ        | $\dashv$  | Н              |
|                 | 32       |          |          |          |                     |              |  |                     |  |          | e. |                 | 82       | П               |          |          | 一        |          |          |          |           |          | ١.       |          | 132        |         | 1         |  |          |                 | ヿ        | $\exists$ | П              |
|                 | 33       |          |          |          |                     |              |  |                     |  |          | 1  |                 | 83       |                 |          |          |          |          |          | $\Box$   |           | <u> </u> |          |          | 133        |         |           |  |          |                 | $\neg$   | $\neg$    | $\Box$         |
|                 | 34       | L.       | _        |          | Щ                   |              |  | $ldsymbol{\square}$ | Ш  | _        |    |                 | 84       | Ц               |          |          | $\Box$   |          |          |          | I         |          | [        | ]        | 134        |         |           |  |          |                 | $\Box$   |           |                |
|                 | 35       | _        | $\vdash$ | <u> </u> | _                   | <u> </u>     | <u> </u>   | Ш                   |  |          | ļ  |                 | 85       | Щ               |          | _        | 4        | _ļ       | $\dashv$ | $\dashv$ | $\bot$    | 4        | ļ        |          | 135        | 1       | _         | <u></u>  |          | Ш               | $\bot$   | [         | Ш              |
|                 | 36<br>37 | -        | $\vdash$ | _        | $\vdash$            | -            | <del>                                     </del> | H                   |  | _        |    | <u> </u>        | 86       | $\vdash$        | -        | $\dashv$ | 4        | _        |          |          | -         |          | -        |          | 136        | +       | ┼-        | <u> </u>   |          | $\sqcup$        |          | $\dashv$  |                |
|                 | 38       | ⊢        | -        | <b></b>  | H                   | -            | -  | $\vdash$            | H  | _        |    |                 | 87<br>88 | $\vdash$        | $\vdash$ | $\dashv$ |          | -        |          | $\dashv$ | +         | $\dashv$ | ŀ        |          | 137<br>138 | -       | +-        | 1  | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$  | Н              |
| $\vdash$        | 39       | $\vdash$ |          |          |                     | -            |  | H                   |  | _        | ŀ  |                 | 89       | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | +         |          | ŀ        | -        | 139        | +-      | +         |  | $\vdash$ | $\dashv$        |          | $\dashv$  | Н              |
| $\vdash \dashv$ | 40       | -        | $\vdash$ |          | $\vdash$            | H            | $\vdash$   | H                   |  | _        | 1  | $\vdash$        | 90       | $\vdash$        | -        |          | +        | $\dashv$ | $\dashv$ | $\dashv$ | +         | -        | -        |          | 140        | +       | +         |  | $\vdash$ | $\vdash \vdash$ | $\dashv$ |           | $\vdash$       |
|                 | 41       |          | Т        | Т        | $\vdash$            | Г            |  | П                   | -  |          |    |                 | 91       | Н               | $\vdash$ | 寸        |          |          | +        | $\dashv$ | $\dashv$  | $\dashv$ | ł        | $\dashv$ | 141        | +       | +         |  | H        | $\vdash$        | $\dashv$ | $\dashv$  | Н              |
|                 | 42       |          |          |          |                     |              |  |                     |  | -        | 1  |                 | 92       | М               |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | 十         | 1        | t        | $\neg$   | 142        | $\top$  | +         | 1  | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$  | Н              |
|                 | 43       |          |          |          |                     |              |  |                     |  |          |    |                 | 93       |                 |          | ╛        |          |          |          | 寸        |           | ],       | أر       |          | 143        |         | 1         |  |          |                 | $\neg$   | $\dashv$  | $\neg \neg$    |
|                 | 44       |          |          |          |                     |              | $\Box$   |                     |  |          |    |                 | 94       |                 |          |          |          |          |          | I        | $oxed{T}$ | 1        |          |          | 144        |         |           | l.   |          |                 |          |           |                |
| $\sqcup$        | 45       |          | Щ        |          | Щ                   | $\Box$       | L_   | Ш                   | $oxed{\Box}$                                     |          |    |                 | 95       | Ш               | _[       | $\Box$   |          |          | $\Box$   | I        | $\Box$    | 0        |          |          | 145        |         |           |  |          |                 |          |           |                |
| <b> </b>        | 46       |          |          | _        | $\vdash$            | _            |  |                     |  |          | Ϊ. |                 | 96       |                 |          | _        | _        |          | _        | _        | _         | 4        |          |          | 146        | $\perp$ | _         | <u> </u>   | Ш        | $\Box$          | $ \bot $ |           |                |
| $\vdash \vdash$ | 47<br>48 | -        | -        | _        | $\vdash$            | H            | -  | $\vdash$            | $\vdash$   |          |    | $\vdash \dashv$ | 97       | $\vdash \vdash$ |          | 4        | -        | -        | $\dashv$ | $\dashv$ |           | 4        | 1        |          | 147        | +       | <b> </b>  | <b> </b>   | Ш        | $\sqcup$        | $\dashv$ | $\dashv$  | $\vdash$       |
| $\vdash$        | 48       | <u> </u> |          |          | $\vdash$            | -            | $\vdash$   | -                   | Н  |          |    |                 | 98<br>99 | $\vdash$        |          | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ | +         | *        | 1        | $\dashv$ | 148        |         | $\vdash$  |  | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$  | Щ              |
| $\vdash \dashv$ | 50       | _        | -        | -        | $\vdash$            | $\vdash$     | $\vdash$   | H                   | $\vdash$   |          |    |                 | 100      | $\vdash \vdash$ | $\dashv$ | $\dashv$ | ┥        | $\dashv$ | -+       | -+       | +         | $\dashv$ | ŀ        |          | 149<br>150 |         | $\vdash$  | <del> </del>                                     | Н        | $\dashv$        | $\dashv$ | $\dashv$  | 一              |
| Ц               | 50       |          | L        |          |                     | Ц            | Щ  | L                   |  |          |    | Ц               | 100      | ш               |          | 1        | 1        |          |          | L        |           |          | L        |          | 100        | 1       |           | L  | ليا      |                 | 二        |           |                |